

AMENDMENTS TO THE CLAIMS

1-16 (Canceled)

17. (Currently Amended) A multiplexing apparatus comprising:

a control information selecting section which selects packets containing control information from media streams of different types, the media streams having multiplexed control information packets and media information packets, wherein at least one of the media information packets has clock information for generating a clock signal when decoding the media information;

a program control information editing section which edits the control information contained in the selected control information packets and generates modified control information packets; a clock information reallocating section for reallocating the clock information within a media information packet with modified clock information, where the modified clock information is set equal to the clock information plus a computed delay time; and

a multiplexing section which multiplexes the modified control information packets and selected media information packets from the media streams to produce a multiplexed media stream;

wherein the ~~apparatus~~multiplexing section preferentially multiplexes media information packets containing program clock information.

18. (Previously Presented) The multiplexing apparatus according to claim 17, wherein the selected media information packets are specific media information packets corresponding to a required program.

19. (Currently Amended) A remultiplexing apparatus comprising:

a control information selecting section for selecting packets containing control information from media streams of different types, the media streams having multiplexed control information packets and media information packets, wherein at least one of the media information packets has clock information that is generated by appending a media time base that is utilized to regenerate a clock signal when decoding the media information;

a program control information editing section which edits the control information contained in the selected control information packets and generates modified control information packets;

a program organizing section which selects a plurality of media information packets corresponding to required programs;

a clock information reallocating section for reallocating the clock information of selected media information packets;

a remultiplexing section which multiplexes the modified control information packets and selected media information packets from the media streams to produce a remultiplexed media stream;

wherein the ~~apparatus-remultiplexing section~~ preferentially multiplexes selected media information packets containing program clock information.

20. (Previously Presented) The remultiplexing apparatus according to claim 19, wherein said program organizing section selects the required programs according to viewability restricting information defined as the program type information.

21. (Currently Amended) A multiplexing method comprising the steps of:

selecting packets containing control information from media streams of different types, the media streams having multiplexed control information packets and media information packets, wherein at least one of the media information packets has clock information for generating a clock signal when decoding the media information;

editing the control information contained in the selected control information packets and generating modified control information packets;

reallocating the clock information within a media information packet with modified clock information, wherein the modified clock information is set equal to the clock information plus a computed delay time; and

multiplexing the modified control information packets and selected media information packets from the media streams to produce a multiplexed media stream, wherein media information packets containing program clock information are preferentially multiplexed.

22. (Previously Presented) The multiplexing method according to claim 21, wherein the selected media information packets are specific media information packets corresponding to a required program.

23. (Currently Amended) A remultiplexing method comprising the steps of:

selecting packets containing control information from media streams of different types, the media streams having multiplexed control information packets and media information packets, wherein at least one of the media information packets has clock information that is

generated by appending a media time base that is utilized to regenerate a clock signal when decoding the media information;

editing the control information contained in the selected control information packets and generating modified control information packets;

selecting a plurality of media information packets corresponding to required programs;

reallocating the clock information of selected media information packets;

multiplexing the modified control information packets and selected media information packets from the media streams to produce a remultiplexed media stream, wherein selected media information packets containing program clock information are preferentially multiplexed.

24. (Previously Presented) The remultiplexing method according to claim 23, wherein the selected programs are selected according to viewability restricting information defined as the program type information.